IN THE ABSTRACT

Replace the abstract originally provided on the cover sheet of the PCT application with the following new abstract. A new abstract numbered page 32 is enclosed for the last page of the application following the claims.

ABSTRACT OF THE DISCLOSURE

A communication network is simulated with a simulator with object based architecture in which each object represents the model of a network device. The simulated network is capable of corresponding to a plurality of different systems, such as, GSM, GPRS, UMTS, WLAN, fixed networks. At the simulator level, the physical devices of the network are subdivided into a first set of devices completely independent of the system that regulates the operation of the network, the operation of the devices of the first set thus being independent of the system, a second set of devices which depend on the system under consideration, the operation of the devices included in the second set thus being specific for the system under consideration, and a third set of devices for the inter-work between the first set and second set, the devices of the third set being able to interact with the devices independent of the system under consideration and with the devices which do depend on the system under consideration.

ABSTRACT OF THE DISCLOSURE

A communication network is simulated with a simulator with object based architecture in which each object represents the model of a network device. The simulated network is capable of corresponding to a plurality of different systems, such as, GSM, GPRS, UMTS, WLAN, fixed networks. At the simulator level, the physical devices of the network are subdivided into a first set of devices completely independent of the system that regulates the operation of the network, the operation of the devices of the first set thus being independent of the system, a second set of devices which depend on the system under consideration, the operation of the devices included in the second set thus being specific for the system under consideration, and a third set of devices for the inter-work between the first set and second set, the devices of the third set being able to interact with the devices independent of the system under consideration and with the devices which do depend on the system under consideration.